

★ BERN/ Q51 Q52 04-234783/28 ★ WO 9415080-A1
Internal combustion engine with alternative distribution system for
2 and 4 strokes - has rotating distribution on head that replaces
elements of known systems and integrated accumulation lung
exploiting air reserve in carter (Eng)

BERNARDINI A 92.12.22 92WO-IT00167

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N(AU BR HU JP PL RU US) R(AT BE CH DE DK ES FR GB GR IE
IT LU MC NL PT SE)

An integrated accumulation lung is provided in the head with two
shafts rotating at quarter of quarter of speed of the engine that
exploits the air reserve in the carter (C). Air is accumulated with
pouring off from carter into a container or into a lung.

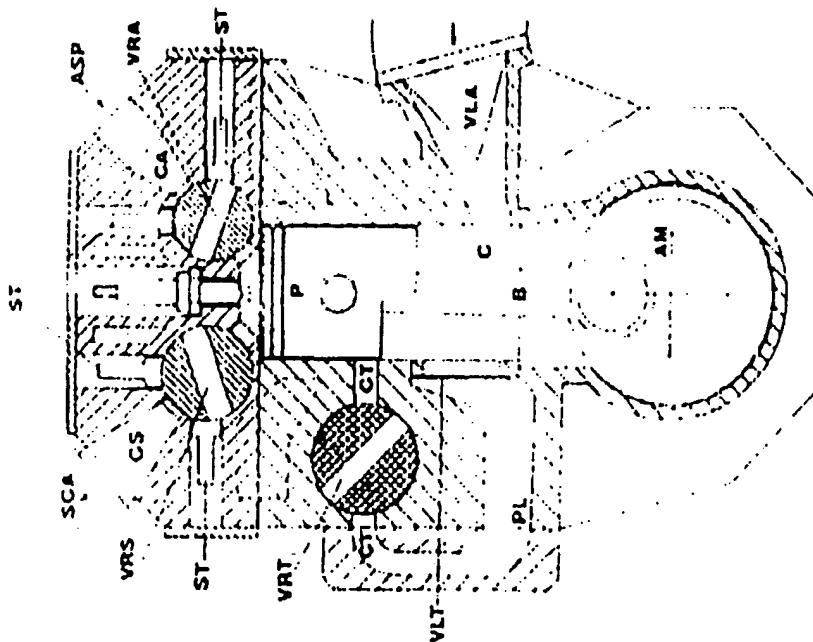
The intake and discharge of the engine occurs by valves VRA and
VRS onto which radial openings are provided for passage of the air-
petrol mixture and the exhaust gases. The intake has lateral inlet in
hollow shaft with a light for the passage of the mixture and rotates at
half the speed of the engine, with equal discharge in number of
lights.

ADVANTAGE - Achieves high performance with respect to
conventional engines, with the same displacement and without over-
feeding. (2app Dwg. No.1/12)

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